



Dart Hawkesbury  
1270 Aberdeen St Hawkesbury, ON K6A 1K7 Canada  
Tel (613) 632-5200  
Fax 613 632-5246

# Purchasing Receipts

PO No	Supplier	Line Item No	Rel No	Terms	Purchased Item	Description	For Part No	Equipment ID	Order Qty	Due Date	Received Quantity	Accounting Job No	Container No	Status	Receive Date	Price/Unit	Aging Days	Past Due	Total	Supplier Name
P0042501	ACI001-VC	8	1	Net 30	MT-4140-S-1.625X5.000	4140 Steel Sheet 1.625 X 5.000 : MATERIAL : AISI 4140 / 4142 STEEL SHEET OR PLATE MINIMUM ROCKWELL C = 28 Rc MAXIMUM ROCKWELL C = 32 Rc ASTM A829, AMS 6395 receive ft			6	2/21/2019	6		S155854	Stock	2/21/2019	\$ 101.17 / ft	1		\$607.00	Acier Ouellette Inc.
		9			MT-4140-S-0.500X10.000	AISI 4140 Steel Sheet/Plate : AISI 4140N STEEL SHEET OR PLATE AS PER ASTM A829 OR AMS 6395 MIN: ROCKWELL C = 28 Rc MAX: ROCKWELL C = 32 Rc			36		36		S155855	Stock	2/21/2019	\$ 52.50 / ft	1		\$1,890.00	Acier Ouellette Inc.
										Total:		42							\$1,889.66	



Dart Aerospace Ltd.  
1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

Tel (613) 632-5200

# **PURCHASE ORDER** **PO042501**



**Supplier:** ACI001-VC  
Acier Ouellette Inc.  
935 Boul. Du Havre  
Valleyfield  
QC  
J6S 5L1 Canada  
Phone: 800 667 4248  
Fax: 450 377 5696

**PO No:** PO042501

**PO Date:** 2/5/19

**Due Date:** 2/15/19

**Purchase Order**

**Revision:**

**Revision Date:**

**Ship-To Contact:** Lavoie, Chantal  
clavoie@dartaero.com

**E-MAILED**  
**FEB 06 2019**

**Ship To:** 1270 Aberdeen Street  
Hawkesbury  
ON  
K6A 1K7 Canada  
Phone: 613-632-5200

**Via:** Ground

**Pymt Terms:** Net 30

**Freight Terms:**

**Special Comments:** sou0159739

## **Items**

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1		M304S14GA ✓		304SS sheet .080 - : MATERIAL: AISI 304/316 SS SHEET ANNEALED AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240 receive sf	Firmed -		2/15/19	32 sf	0 sf	32 sf	\$10.333/sf	\$330.66
				32 sf x FEB 08 2019								
2		M304S18GA ✓		304/316 .050 Sheet : MATERIAL: AISI 304/316 SS SHEET ANNEALED AS PER MIL-S-5059 OR AMS 5513 (304) OR AMS 5524 (316) OR ASTM A240 OR ASME SA240	Firmed -		2/15/19	128 sf	0 sf	128 sf	\$7.621/sf	\$975.49
				128 sf x FEB 08 2019								
3		M6061T6R1.500		6061-T6 Round Bar 1.50 : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ- AA-200/8 OR AMS-QQ-A- 200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft	Firmed -		2/15/19	20 ft	0 ft	20 ft	\$6.7665/ft	\$135.33
				20 ft x								
4		M6061T6R4.000		6061-T6 Round Bar 4.000" : MATERIAL: 6061- T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ- AA-200/8 OR AMS-QQ-A- 200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft	Firmed -		2/15/19	6 ft	0 ft	6 ft	\$49.78666/ft	\$298.72
				16 ft x								



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1270 Aberdeen St  
Hawkesbury, ON  
K6A 1K7  
Canada

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# PURCHASE ORDER

## P0042501



## Items

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
5		M6061T6R5.000		6061-T6 Round Bar 5.000" : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM ROUND BAR AS PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117 4128/4115/4116 OR QQ-AA-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B221 OR ASTM B221 receive ft	Firmed	-	2/15/19	12 ft ✓ 12 ft	0 ft	12 ft	\$74.461666/ft	\$893.54
Line Item Note cut in section of 6 ft												
6 ✓ AK		M304R0.750		304 SS Roundbar .750 : MATERIAL: AISI 304/316 SS ROUND BAR AS PER ASTM A276 NOTE: AISI 303 NOT ACCEPTABLE receive ft	Firmed	-	2/15/19	72 ft ✓ 73 ft	0 ft	72 ft	\$4.8958333/ft	\$352.50
7 ✓ AK		M303R0.750		303 Round Bar 0.750 : MATERIAL: AISI 303 SS ROUND BAR AS PER ASTM A582 NOTE: 304/316 NOT ACCEPTABLE receive ft	Firmed	-	2/15/19	36 ft ✓ 41.33	0 ft	36 ft	\$5.4063888/ft	\$194.63
8 ✓ AK		MT-4140-S-1.625X5.000		4140 Steel Sheet 1.625 X 5.000 : MATERIAL : AISI 4140 / 4142 STEEL SHEET OR PLATE MINIMUM ROCKWELL C = 28 Rc MAXIMUM ROCKWELL C = 32 Rc ASTM A829, AMS 6395 receive ft	Firmed	-	2/21/19	6 ft ✓ 6 ft	0 ft	6 ft	\$101.16666/ft	\$607.00
9 ✓ AK		MT-4140-S-0.500X10.000		AISI 4140 Steel Sheet/Plate : AISI 4140N STEEL SHEET OR PLATE AS PER ASTM A829 OR AMS 6395 MIN: ROCKWELL C = 28 RC MAX: ROCKWELL C = 32 RC	Firmed	-	2/21/19	36 ft ✓ 36 ft	0 ft	36 ft	\$52.50/ft	\$1,890.00
10 ✓ AK		M1018R0.625		M1018R0.625 : MATERIAL: AISI 1018-1025 ROUND BAR AS PER MIL-S-7097 OR ASTM A108 receive ft	Firmed	-	2/15/19	20 ft ✓ 18.75	0 ft	20 ft	\$1.206/ft	\$24.12



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# **PURCHASE ORDER** **PO042501**



## **Items**

Line Item	Job	Part	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
11 ✓ AT		M6061T6B0.375X2.000		6061-T6 Bar .375 X 2.00 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	-	2/15/19	20 ft	0 ft	20 ft	\$3.3295/ft	\$66.59
12 ✓ AT		M6061T6B1.000X06.000		6061T6 Bar 1.00 X 6.00 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	-	2/15/19	12 ft	0 ft	12 ft	\$28.1925/ft	\$338.31
13 ✓ AT		M6061T6B2.000X02.000		6061-T6 Bar 2.00 X 2.00 : MATERIAL: 6061-T6/T651/T6510/T6511/T62 ALUMINUM BAR PER QQ-A-225/8 OR AMS-QQ-A-225/8 OR AMS 4117/4128/4115/4116 OR QQ-A-200/8 OR AMS-QQ-A-200/8 OR AMS 4160 OR ASTM B211 OR ASTM B221 receive ft	Firmed	-	2/15/19	12 ft	0 ft	12 ft	\$17.449166/ft	\$209.39
14 ✓ AT		M1018B0.500X01.500		1010-1025 Steel Bar .500 X 1.500 : MATERIAL: AISI 1010-1025 OR ASTM A36/A366/A569/A570 OR OR CSA G40-21 38W/44W/50W/60W/70W CSA G40-21 OR 38W/44W/50W/60W/70W receive ft	Firmed	-	2/15/19	12 ft	0 ft	12 ft	\$3.721666/ft	\$44.66
<b>Grand Total:</b>											<b>\$6,360.93</b>	

## **Order Notes**

### **Procurement Quality Clauses**

A005 right of entry  
A012 chemical and physical test report  
A016 personnel qualification  
A017 raw material identification (as applicable). No Raw Metals from China or Soviet Bloc Countries  
A026 certification of material conformance  
A041 quality management system  
A042 dart notification by supplier  
A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program.

A049 supplier awareness.

Terms & Condition of Purchasing(Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit [www.dartaerospace.com](http://www.dartaerospace.com) for further explanation.

**ACIER OUELLETTE INC.**

935, Boul. du Havre  
Salaberry de Valleyfield (Québec) J6S 5L1  
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248  
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

**Quotation****SOU0159739****Billed to**

DART AEROSPACE LTD  
1270, ABERDEEN ST.  
HAWKESBURY, Ontario, K6A 1K7

**Shipped to**

1270, ABERDEEN ST.  
HAWKESBURY, Ontario, K6A 1K7

**Customer N°** CLI0001056  
**Date** 2019/02/01  
**Revision N°** 0  
**Prices valid until** 2019/02/08  
**Your Order N°**  
**Processed by** Josianne Bourdon  
**Salesman** JOSIANNE  
**Carrier** OUELLE SDV  
**Credit Terms** Net 30 Days  
**Page** 1

Att : À VALIDER

Product N° and description	Weight	Qty U/M	Qty U/M	Price	Pcs Nb	Price	Amount
ALU SHEET .081 (12G) 2024-T3 (4 X 12) FEAL-0814122024 <b>3192</b> 1 X 4' X 12' 4-5 DAYS	54.77	48.00 PI2_\$CLB	1.00 UN		1.00	1 144.620	1 144.62 23.84625
ALU SHEET .040 (18G) 2024-T3 4B (4 X 12) FEAL-0404122024B <b>3118</b> 2 X 4' X 12' STOCK	54.05	96.00 PI2_\$CLB	2.00 UN		2.00	564.790	1 129.58 11.766458
SHEET SS 14G SS304-2B (4 X 8) FESS-14G483042B <b>3412</b> 1 X 4' X 8' STOCK	104.99	32.00 PI2_\$CLB	1.00 UN		1.00	330.670	330.67 10.333
PALETTE PALETTE <b>7573</b>	0.00	1.00 UN_\$UN	1.00 UN_\$UN		1.00	40.000	40.00
SHEET SS 18G SS304-2B (4 X 8) FESS-18G483042B <b>3425</b> 4 X 4' X 8' STOCK 1285F ✓	268.80	128.00 PI2_\$CLB	4.00 UN		4.00	243.902	975.61 7.6219
PALETTE PALETTE <b>7573</b>	0.00	1.00 UN_\$UN	1.00 UN_\$UN		1.00	40.000	40.00
ALU SHEET .040 (18G) 6061-T6 (4 X 12) FEAL-0404126061 <b>3121</b> 4 X 4' X 12' 2-3 DAYS 1285F	108.10	192.00 PI2_\$CLB	4.00 UN		4.00	202.937	811.75 6.3417968
ROUND ALU 6061-T6 1 1/2 * RAL-112 <b>5119</b> 1 X 20' STOCK ✓	41.52	20.00 PI_\$CLB	20.00 PI		1.00	135.330	135.33 6.7665
ROUND ALU 6061-T6 4 * RAL-4 <b>5163</b> 1 X 6' STOCK ✓ SAW CUT SCIE <b>1</b>	88.58	6.00 PI_\$CLB 1.00 UN	6.00 PI 1.00		1.00	298.720	298.72 49.78666
ROUND ALU 6061-T6 4 1/4 NS RAL-414 <b>8915</b> 1 X 6' 7-10 DAYS	100.00	6.00 PI_\$CLB	6.00 UN_\$UN		1.00	660.920	660.92 110.15333

Date :

Next Page...



# ACIER OUELLETTE INC.

935, Boul. du H vre  
Salaberry de Valleyfield (Qu bec) J6S 5L1  
T l.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248  
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

## Quotation

SOU0159739

### Billed to

DART AEROSPACE LTD  
1270 , ABERDEEN ST.  
HAWKESBURY, Ontario, K6A 1K7

### Customer N 

CLI0001056

### Date

2019/02/01

### Revision N 

0

### Prices valid until

2019/02/08

### Your Order N 

### Processed by

Josianne Bourdon

### Salesman

JOSIANNE

### Carrier

OUELLE SDV

### Credit Terms

Net 30 Days

### Page

2

### Shipped to

1270 , ABERDEEN ST.  
HAWKESBURY, Ontario, K6A 1K7

Att :   VALIDER

Product N� and description	Weight	Qty	U/M	Qty	U/M	Price	Pcs Nb	Price	Amount
ROUND ALU 6061-T6 5 * RAL-5 5170 2 X 6' 2-3 DAYS SAW CUT SCIE 1	276.48	12.00	PI_\$CLB	12.00	PI		2.00	446.770	893.54
ROUND SS 304 3/4 (R) RSS-34 5762 3 X 12' R/L STOCK	54.07	36.00	PI_\$CLB	36.00	PI		3.00	58.750	176.25
ROUND SS 303 3/4 (R) RSS-34303 5761 3 X 12' R/L STOCK	54.07	36.00	PI_\$CLB	36.00	PI		3.00	64.876	194.63
ROUND SS303 7/8" DIA N 1 X 12' R/L 7-10 DAYS	0.00	1.00	UN	1.00	UN		1.00	145.000	145.00
ROUND 4140 HT 1/2 (R) R4140-12H 4907 1 X 12' R/L STOCK	8.02	12.00	PI_\$CLB	12.00	PI		1.00	45.290	45.29
ROUND 4140 HT 2 1/4 (R) R4140-214H 4927 1 X 6' STOCK	81.12	6.00	PI_\$CLB	6.00	PI		1.00	183.290	183.29
PLATE 4140 1/2 X 1 5/8 N 1 X 12' 7-10 DAYS	0.00	1.00	UN	1.00	UN		1.00	255.000	255.00
PLATE 4140 1 5/8 X 5 N 1 X 6' 7-10 DAYS	0.00	1.00	UN	1.00	UN		1.00	607.000	607.00
PLATE 4140 1/2 X 10 N 1 X 12' 7-10 DAYS	0.00	1.00	UN	1.00	UN		1.00	630.000	630.00

Date :

Next Page...





# ACIER OUELLETTE INC.

935, Boul. du H vre  
Salaberry de Valleyfield (Qu bec) J6S 5L1  
T l.: 450-377-4248 M l: 514-336-4248 Ext.: 800-667-4248  
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## Quotation

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1270 , ABERDEEN ST.  
HAWKESBURY, Ontario, K6A 1K7

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1270 , ABERDEEN ST.  
HAWKESBURY, Ontario, K6A 1K7

### Customer N 

CLI0001056

### Date

2019/02/01

### Revision N 

0

### Prices valid until

2019/02/08

### Your Order N 

### Processed by

Josianne Bourdon

### Salesman

JOSIANNE

### Carrier

OUELLE SDV

### Credit Terms

Net 30 Days

### Page

3

Att :   VALIDER

Product N� and description	Weight	Qty	U/M	Qty	U/M	Price	Pcs Nb	Price	Amount
PLATE 4140 1 X 10 N 2 X 6' 7-10 DAYS	0.00	2.00	UN	2.00	UN		2.00	584.000	1 168.00 97.3333
PLATE 4140 1 1/4 X 1 1/2 N 1 X 12' 7-10 DAYS FROM PLATE	0.00	1.00	UN	1.00	UN		1.00	370.000	370.00 30.8333
PLATE 4140 1 1/2 X 2 N 1 X 6' 7-10 DAYS	0.00	1.00	UN	1.00	UN		1.00	305.000	305.00 50.8333
ROUND CR 5/8 1018 (R) RCR-58 5351 1 X 20' R/L STOCK	20.80	20.00	PI_\$CLB	20.00	PI		1.00	24.120	24.12 1.206
FLAT ALU 3/8 X 2 6061-T6 * FAL-382 2617 1 X 20' STOCK	18.00	20.00	PI_\$CLB	20.00	PI		1.00	66.590	66.59 3.3295
FLAT ALU 1 X 6 6061-T6 * FAL-16 2536 1 X 12' STOCK	84.59	12.00	PI_\$CLB	12.00	PI		1.00	338.310	338.31 28.1925
SQUARE ALU 6061-T6 2 * CAL-2 1785 1 X 12' STOCK	56.45	12.00	PI_\$CLB	12.00	PI		1.00	209.390	209.39 17.449166
TUBE ALU 1 1/4 X 1 1/4 X .120 6061-T6 R TAL-114114120R 6312 5 X 20' ROND CORNER STOCK	57.10	100.00	PI_\$CLB	100.00	PI		5.00	43.618	218.09 X
ROUND SS 17-4 2 1/2 NS RSS-212174 11370 1 X 12' R/L 7-10 DAYS	200.28	12.00	PI_\$CLB	12.00	PI		1.00	1 393.850	1 393.85 116.15414
PLAT SS.17-4 PH 1 1/4 X 2 N 1 X 12' R/L 7-10 DAYS	0.00	1.00	UN	1.00	UN		1.00	1 270.000	1 270.00 105.8333

Date :

Next Page...

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Fax: 450-377-5696 M l: 514-336-4246 Ext.: 866-456-4242

**Quotation****SOU0159739****Billed to**

DART AEROSPACE LTD  
1270 , ABERDEEN ST.  
HAWKESBURY, Ontario, K6A 1K7

**Shipped to**

1270 , ABERDEEN ST.  
HAWKESBURY, Ontario, K6A 1K7

Att :   VALIDER

**Customer N ** CLI0001056  
**Date** 2019/02/01  
**Revision N ** 0  
**Prices valid until** 2019/02/08  
**Your Order N **  
**Processed by** Josianne Bourdon  
**Salesman** JOSIANNE  
**Carrier** OUELLE SDV  
**Credit Terms** Net 30 Days  
**Page** 4

Product N� and description	Weight	Qty	U/M	Qty	U/M	Price	Pcs Nb	Price	Amount
<del>ROUND SS 17-4 3/4 NS</del> <del>RSS-34174 9268</del> <del>3 X 12' R/L STOCK</del>	54.07	36.00	PI_\$CLB	36.00	PI		3.00	153.203	459.61
FLAT CR 1/2 X 1 1/2 1018 (R) FCR-12112 2681 1 X 12' R/L STOCK	30.60	12.00	PI_\$CLB	12.00	PI		1.00	44.660	44.66
PLAT C.R. 1018 1 1/2 X 1 3/4 N 1 X 12' 2-3 DAYS	0.00	1.00	UN	1.00	UN		1.00	215.000	215.00
FUEL CHARGE FRAIS_ENERGETIQUE NOTE : ATTENTION: MILL TEST REQUIS			\$						3.95

**Total Weight (Lbs)** 1 816.46**Important**

This offer is based on the availability, the price of material can change without notice in function of the evolution of the current market prices and international importation fees.  
This offer is subject to credit approval.

Approved and Accepted by :

Date : \_\_\_\_\_

**Sub-total** 14 783.77

TVH-13   1921.89

**Total (\$CAD)** 16 705.66





# ACIER OUELLETTE INC.

935, Boul. du Hâvre  
Salaberry de Valleyfield (Québec) J6S 5L1  
Tél.: 450-377-4248 Mtl.: 514-336-4248 Ext.: 800-667-4248  
Fax: 450-377-5696 Mtl.: 514-336-4246 Ext.: 866-456-4242

## DELIVERY - CLIENT

Copy

CO00131332

### Billed to

DART AEROSPACE LTD  
1270 , ABERDEEN ST.  
HAWKESBURY, Ontario, K6A 1K7

### Shipped to

1270 , ABERDEEN ST.  
HAWKESBURY, Ontario, K6A 1K7

Att :

Instruction F-M

Delivery Route 5

Customer N° CLI0001056

Date 2019/02/06

Delivery date 2019/02/21

Your order N° PO042501

Processed by Josianne Bourdon

Salesman

Carrier OUELLETTE VALLEYFIELD

Credit Terme Net 30 Days

Product Description	Weight	Qty	UM	PCS NB			Internal Use Only			
				CMD	EXP	B/O	IN	I	S	C
1 PLATE 4140 HT 1 5/8 NS P4140-158H 1 X 5" X 72" PO 042501 LINE 8 HEAT 284776 AT AC23472-FU-20/02	165.82	2.50	PI2_\$CLB			115" X 72"				
2 PLATE 4140 HT 1 2 NS P4140-12H 3 X 10" X 144" PO 042501 LINE 9 HEAT 300188 AT AC23472-FU-20/02	612.60	30.00	PI2_\$CLB			3 X 10" X 144"				
		1.00	UN_\$UN							

Note : ATTENTION: MILL TEST REQUIS

### Conditions :

All sold and delivered materials remain the property of "Acier Ouellette Inc." until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Total Weight (Lbs) : 778.42

NIR : R-109516-6

Prepared By:	Verified By:	Delivered By:	Date
			Y M D

Customer's Signature

131332  
Dart

**Chemical certification**  
**Certification chimique**

23472N

(2p)

Order Num / No. Commande <b>AC-23472</b>	Vendor / Fournisseur <b>46</b>	Country of origin / Pay d'origine <b>SLOVENIA SIJ ACRONI</b>	Date <b>08/08/13</b>	Heat / coulée <b>284776</b>	Material ID # / No. matériel
Grade / Nuance <b>4140 PLT</b>	Conditions <b>HEAT TREATED Q&amp;T</b>				
Shape / Forme <b>FLT</b>	Size / Dimension <b>1.625</b>	Specifications <b>ASTM A434 / SAE J404 / ASTM A829-06</b>			

Chemical composition / Analyse chimique				
Carbon (C)	Silicon (Si)	Manganese (Mn)	Phosphorus (P)	
Mini / maxi 0.3700 / 0.4400	0.1500 / 0.3500	0.6500 / 1.1000	0.0100 / 0.0190	
Actuel % <b>0.411</b>	<b>0.240</b>	<b>0.780</b>	<b>0.007</b>	
Sulphur (S)	Chromium (Cr)	Nickel (Ni)	Molybdenum (Mo)	
Mini / maxi 0.0200 / 0.0400	0.7500 / 1.2000	0.1000 / 0.2000	0.1500 / 0.2500	
Actuel % <b>0.031</b>	<b>1.000</b>	<b>0.000</b>	<b>0.170</b>	
Copper (Cu)	Vanadium (V)	Aluminum (Al)	Tungsten (W)	
Mini / maxi 0.1900 / 0.2900	0.0400 / 0.0500	0.0000 / 0.0000	0.0000 / 0.0000	
Actuel % <b>0.000</b>	<b>0.040</b>	<b>0.000</b>	<b>0.000</b>	
Cobalt (Co)	Titanium (Ti)			
Mini / maxi 0.0000 / 0.0000	0.0000 / 0.0000	0.0000 / 0.0000	0.0000 / 0.0000	0.0000 / 0.0000
Actuel % <b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
Mechanical properties / Propriétés Mécaniques				
Yield strenght / Élasticité	Tensile / Rés. à la traction	Elongation / Allon. (%)	Red. of area / Surface (%)	RC
<b>0.000 PSI</b>	<b>0.000 PSI</b>	<b>0.00</b>	<b>0.00</b>	<b>321 BHN</b>

**Note:**

We certify that the above data has been verified and are conform to an original mill or supplier certificate supplied to us with the material

Nous certifions que les données ci haut on été vérifier et sont conformes d'après un certificat originale qui nous a été fourni par notre fournisseur.

Prepared by: / Préparé par:

Heat: 284776

REV.	DESCRIPTION	ECN #	DATE	BY	APPROVED
A	NEW ISSUE	18-544	18.2.13	VM	ML

*Lead*  
*MT-4140-S-1.625X5.000*

# SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL : AISI 4140 / 4142 STEEL SHEET OR PLATE  
 MINIMUM ROCKWELL C = 28 Rc  
 MAXIMUM ROCKWELL C = 32 Rc

SPECIFICATION: ASTM A829, AMS 6395

PART NUMBER: MT-4140-S-[T.TTT] x [W.WWW]  
 WHERE "T.TTT" = THICKNESS IN INCHES  
 WHERE "W.WWW" = WIDTH IN INCHES (OPTIONAL FOR SPECIFYING CUT PLATE)

EX. 0.063" THICK SHEET = MT-4140-S-0.063  
 EX. 3.5" WIDE BY 0.500" THICK PLATE = MT-4140-S-0.500X3.500

<b>DART AEROSPACE</b> Hamilton, Ontario, Canada	
TITLE AISI 4140 / 4142 STEEL SHEET OR PLATE	
PART NO. MT-4140-S	REV A
TOOL NO.	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES DIMENSIONS APPLY AFTER FINISHING	
DESIGNED BY: VM 2/13/2018	TOLERANCES:
DRAWN BY: VM 02/13/2018	FRACTIONS ± 1/16
CHECKED BY: VM 02/13/2018	ANGLES ± 1°
MFG REVIEW BY: DO 02/13/2018	SURFACE ± 1
APPROVED BY: ML 02/14/2018	ROUGHNESS
SCALE: NTS	
SHEET 1 OF 1	
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# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MT-4140-S-1.625X5-000  
 DATE: 1/9/22

PO / BATCH NO.: P0042501/S155854

MATERIAL CERT REC'D: Yes  
 QUANTITY RECEIVED: 6 FT  
 QUANTITY INSPECTED: 6 FT  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 1.625"  
 THICKNESS RECEIVED: 1.635"  
 SHEET SIZE ORDERED: —  
 SHEET SIZE RECEIVED: —

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<u>(N)</u>	
CORRECT FINISH	<u>(Y)</u>	N	
CORROSION	Y	<u>(N)</u>	
CORRECT GRAIN DIRECTION	<u>(Y)</u>	N	
CORRECT MATERIAL PER M-DRAWING	<u>(Y)</u>	N	<u>ASTM A829</u>
CORRECT THICKNESS	<u>(Y)</u>	N	
PHOTO REQUIRED	Y	<u>(N)</u>	
CORRECT REF # TO LINK CERT	<u>(Y)</u>	N	<u>MT: 284776</u>
CORRECT MATERIAL IDENTIFICATION	<u>(Y)</u>	N	
CORRECT M# ON THE MATERIAL	<u>(Y)</u>	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<u>(N)</u>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<u>(N)</u>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

*testers located in the Quality Office*

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>61</u> <span style="color: blue; font-weight: bold;">9-89</span>	SIGNED OFF BY: _____
DATE: <u>FEB 22 2019</u>	DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

# Chemical certification Certification chimique

Order Num / No. Commande <b>AC-23472</b>	Vendor / Fournisseur <b>46</b>	Country of origin / Pay d'origine <b>SLOVENIA</b>	Date <b>04/28/17</b>	Heat / coulée <b>300188</b>	Material ID # / No. matière
Grade / Nuance <b>4140 PLT</b>	Conditions <b>HEAT TREATED; Q&amp;T E+VD</b>				
Shape / Forme <b>PLT</b>	Size / Dimension <b>0.500</b>	Specifications <b>ASTM A829/A829M</b>			

Chemical composition / Analyse chimique				
Carbon (C)	Silicon (Si)	Manganese (Mn)	Phosphorus (P)	
Mini / maxi 0.3700 / 0.4400	0.1500 / 0.3500	0.6500 / 1.1000	0.0100 / 0.0190	
Actuel % <b>0.400</b>	<b>0.227</b>	<b>0.814</b>	<b>0.008</b>	
Sulphur (S)	Chromium (Cr)	Nickel (Ni)	Molybdenum (Mo)	
Mini / maxi 0.0200 / 0.0400	0.7500 / 1.2000	0.1000 / 0.2000	0.1500 / 0.2500	
Actuel % <b>0.001</b>	<b>0.970</b>	<b>0.240</b>	<b>0.170</b>	
Cooper (Cu)	Vanadium (V)	Aluminum (Al)	Tungsten (W)	
Mini / maxi 0.1900 / 0.2900	0.0400 / 0.0500	0.0000 / 0.0000	0.0000 / 0.0000	
Actuel % <b>0.178</b>	<b>0.035</b>	<b>0.025</b>	<b>0.000</b>	
Cobalt (Co)	Titanium (Ti)			
Mini / maxi 0.0000 / 0.0000	0.0000 / 0.0000	0.0000 / 0.0000	0.0000 / 0.0000	0.0000 / 0.0000
Actuel % <b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>	<b>0.000</b>
Mechanical properties / Propriétés Mécaniques				
Yield strenght / Élasticité	Tensile / Rés. à la traction	Elongation / Allon. (%)	Red. of area / Surface (%)	RC
<b>0.000 PSI</b>	<b>0.000 PSI</b>	<b>0.00</b>	<b>0.00</b>	
				Surface Hd / Dureté
				<b>295-315 BHN</b>

## Note:

We certify that the above data has been verified and are conform to an original mill or supplier certificate supplied to us with the material

Nous certifions que les données ci haut on été vérifier et sont conformes d'après un certificat originale qui nous a été fourni par notre fournisseur.

*M*

Prepared by: / Préparé par:

Heat: 300188

REV.	DESCRIPTION	ECN #	DATE	BY	APPROVED
A	NEW ISSUE	18-544	18.2.13	VM	ML

*Line 2.*  
*MT-4140-S-0.500x10.000*


# SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL : AISI 4140 / 4142 STEEL SHEET OR PLATE  
 MINIMUM ROCKWELL C = 28 Rc  
 MAXIMUM ROCKWELL C = 32 Rc

SPECIFICATION: ASTM A829, AMS 6395

PART NUMBER: MT-4140-S-[T.TTT] x [W.WWW]  
 WHERE "T.TTT" = THICKNESS IN INCHES  
 WHERE "W.WWW" = WIDTH IN INCHES (OPTIONAL FOR SPECIFYING CUT PLATE)

EX. 0.063" THICK SHEET = MT-4140-S-0.063  
 EX. 3.5" WIDE BY 0.500" THICK PLATE = MT-4140-S-0.500X3.500

	
TITLE AISI 4140 / 4142 STEEL SHEET OR PLATE	
PART NO. MT-4140-S	REV A
TOOL NO.	
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN INCHES DIMENSIONS APPLY AFTER FINISHING	
DESIGNED BY: VM 2/13/2018	TOLERANCES: FRACTIONS 1/16 DECIMALS 0.005 ANGLES 1° SURFACE 5.0 ROUGHNESS 12.5
DRAWN BY: VM 02/13/2018	CHECKED BY: VM 02/13/2018
MFG REVIEW BY: DD 02/13/2018	APPROVED BY: ML 02/14/2018
SCALE: NTS SHEET 1 OF 1	
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*Amber*



# MATERIAL RECEIPT INSPECTION FORM

MATERIAL: MG 4140-S-0.500x10.000  
 DATE: 19/02/22

PO / BATCH NO.: P0042501/5155855

MATERIAL CERT REC'D: Yes  
 QUANTITY RECEIVED: 36 FT  
 QUANTITY INSPECTED: 36 FT  
 QUANTITY REJECTED: 0

THICKNESS ORDERED: 0.500"  
 THICKNESS RECEIVED: 0.521"  
 SHEET SIZE ORDERED: —  
 SHEET SIZE RECEIVED: —

DESCRIPTION	NCR (Check Y/N)		COMMENTS
SURFACE DAMAGE	Y	<u>(N)</u>	
CORRECT FINISH	<u>(Y)</u>	N	
CORROSION	Y	<u>(N)</u>	
CORRECT GRAIN DIRECTION	<u>(Y)</u>	N	
CORRECT MATERIAL PER M-DRAWING	<u>(Y)</u>	N	<u>ASTM A829</u>
CORRECT THICKNESS	<u>(Y)</u>	N	
PHOTO REQUIRED	Y	<u>(N)</u>	
CORRECT REF # TO LINK CERT	<u>(Y)</u>	N	<u>MT: 300188</u>
CORRECT MATERIAL IDENTIFICATION	<u>(Y)</u>	N	
CORRECT M# ON THE MATERIAL	<u>(Y)</u>	N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y	<u>(N)</u>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y	<u>(N)</u>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION	ENGINEERING SIGNOFF (if required)
INSPECTED BY: <u>61</u> DATE: <u>FEB 22 2019</u>	SIGNED OFF BY: _____ DATE: _____

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in